

Converting Colors

YIQ(130.8740, 9.7630, 15.8030)

Have a look what the booklet for
YIQ(130.8740, 9.7630, 15.8030)
contains.

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Color

**YIQ(130.8740, 9.7630,
15.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	967693
RGB	150, 118, 147
RGB Percent	59%, 46%, 58%
CMY	0.4117, 0.5373, 0.4235
CMYK	0.00, 0.21, 0.02, 0.41
HSL	306°, 13%, 53%
HSV	306°, 21%, 59%
XYZ	24.3257, 21.5467, 30.4823
YIQ	130.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

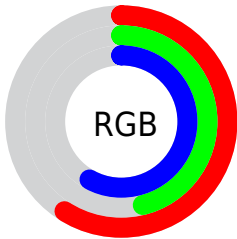
Format	Color
R_{YB}	150, 118, 147
Decimal	9860755
CIE _{Lab}	53.54, 17.70, -10.93
CIE _{LCh}	54, 20.805, 328.293
Yxy	21.5467, 0.3186, 0.2822
Android (android.graphics.Color)	4288050835 (0xFF967693)
YUV	130.8740, 7.9501, 16.7735
Hunter-Lab	46.4185, 12.3112, -6.4419

Details

The YIQ color $130.8740, 9.7630, 15.8030$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $137.1260, -9.7630, -15.8030$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.7000, 10.3130, 16.8490$, and $81.0480, 9.2130, 14.7570$ is the 20% darker color. If you saturate the color by 10%, you get $121.9550, 14.2090, 23.3370$, and if you desaturate by 10%, it is $139.7930, 5.3170, 8.2690$.

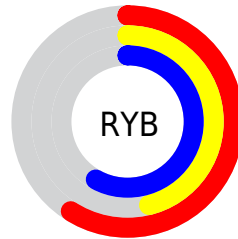
Distribution



Red (59%)

Green (46%)

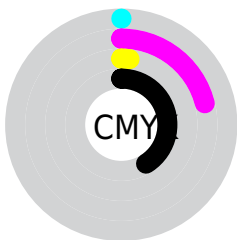
Blue (58%)



Red (59%)

Yellow (46%)

Blue (58%)

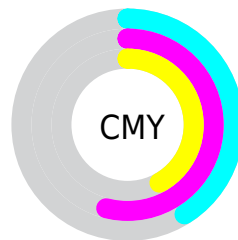


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (41%)



Cyan (41%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.8740, 9.7630, 15.8030 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 130.8740, 9.7630, 15.8030 by changing the saturation by 10% instead.

 130.8740, 9.7630,
15.8030


 130.8740, 9.7630,
15.8030

255.0000, -0.0000,
-0.0000

 105.4610, 9.4880,
15.2800

 183.7000, 10.3130,
16.8490

 81.0480, 9.2130,
14.7570


 211.9990, 10.9090,
17.0610


 58.3360, 8.3420,
14.0220

 237.9770, 7.9750,
15.1670

 35.6240, 7.4710,
13.2870

254.4130, 0.2750,
0.5230

 12.5750, 9.1670,
15.5910

 0.0000, 0.0000,
0.0000

130.8740, 9.7630,
15.8030

130.8740, 9.7630,
15.8030

121.9550, 14.2090,
23.3370

139.7930, 5.3170,
8.2690

112.9220, 18.9760,
30.5600

148.8260, 0.5500,
1.0460

104.0030, 23.4220,
38.0940

157.7450, -3.8960,
-6.4880

94.9700, 28.1890,
45.3170

166.7780, -8.6630,
-13.7110

86.0510, 32.6350,
52.8510

175.6970,
-13.1090, -21.2450

77.1320, 37.0810,
60.3850

184.6160,
-17.5550, -28.7790

68.0990, 41.8480,
67.6080


193.6490,
-22.3220, -36.0020

60.3540, 45.7440,

202.5680,

74.0960

-26.7680, -43.5360

 211.6010,
-31.5350, -50.7590

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



129.4850, -8.2550, 11.9450



130.8740, 9.7630, 15.8030



130.7630, 23.1970, 14.6290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130.8740, 9.7630, 15.8030



126.9080, 20.4500, -7.1820



119.8470, -39.4740, -11.4900

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



130.8740, 9.7630, 15.8030



137.1260, -9.7630, -15.8030

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



120.4860, -28.3320, -15.1800



130.8740, 9.7630, 15.8030



125.2050, 6.1920, -13.1040

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



130.8740, 9.7630, 15.8030



128.5550, 29.1140, 1.0020



122.7560, -11.5970, -15.6050



122.0740, -38.3750, -3.8710

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



130.8740, 9.7630, 15.8030



129.8790, 28.5620, 11.0100



122.7560, -11.5970, -15.6050



119.4620, -36.9520, -13.1440

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



130.8740, 9.7630, 15.8030



186.8420, 3.6210, 5.9650



122.5450, -8.4840, 10.5880



92.7770, 2.2460, 3.3500



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.8740, 9.7630, 15.8030



163.4930, 15.6300, 25.1180



129.0500, 14.8990, 10.8270



69.7770, 2.2460, 3.3500



55.5120, 42.1230, 68.1310



4.0160, 3.0710, 4.9190

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



130.8740, 9.7630, 15.8030



163.4930, 15.6300, 25.1180



138.9500, -14.8990, -10.8270



69.7770, 2.2460, 3.3500



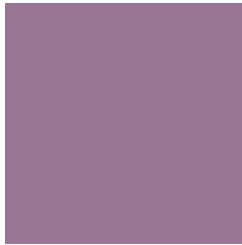
55.5120, 42.1230, 68.1310



4.0160, 3.0710, 4.9190

Previews

White Background



This preview shows how the YIQ color 130.8740, 9.7630, 15.8030 looks on a white background.

Color Contrast Check

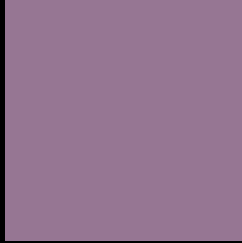
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 130.8740, 9.7630, 15.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 130.8740, 9.7630, 15.8030

Background



This preview shows how black text looks on a background with the YIQ color 130.8740, 9.7630, 15.8030.



This preview shows how white text looks on a background with the YIQ color 130.8740, 9.7630,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

130.8740, 9.7630, 15.8030

Protanopia

128.7680, -10.7300, 7.2380

Deuteranopia

129.4870, -2.5690, 8.0150



Tritanopia

130.0990, 13.2030, 8.5230

Trichromacy



Original Color

130.8740, 9.7630, 15.8030

Protanomaly

129.7690, -3.3030, 10.3050

Deuteranomaly

129.8190, 2.4280, 11.0680

Tritanomaly

130.4950, 12.1480, 11.1240

Monochromacy



Original Color

130.8740, 9.7630, 15.8030

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8740, 9.7630, 15.8030 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(150, 118, 147)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 118, 147) }
```

Border

The CSS property to change the border of an element to YIQ 130.8740, 9.7630, 15.8030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 118, 147) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 118, 147) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(150, 118,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8740, 9.7630, 15.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 118, 147) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
118, 147) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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